

ABSTRACT

The optical recording medium according to the present invention comprises a transparent substrate, a recording layer, an optical reflective layer, and a protective layer, wherein the last
5 three layers mentioned are formed on the substrate in this sequence, and enables recoding at a recording linear velocity of 27.9m/s or more. The optical reflective layer is characterized in that the layer comprises any one of Ag and an alloy mainly made from Ag and a x-ray diffraction spectrum of the optical reflective layer satisfies the
10 relational expression of $0.2 < I(200) / I(111) < 0.4$, in which $I(111)$ is an intensity of the x-ray diffraction peak from (111) plane and $I(200)$ is an intensity of the x-ray diffraction peak from (200) plane determined by x-ray diffraction based on $\theta - 2\theta$ method when the incidence angle relative to the surface of the optically transparent
15 substrate being θ .